

REMARKS

Claims 1-74 were previously pending in this application. By this amendment, Applicant is canceling claims 37-43 without prejudice or disclaimer. Claims 25, 27 and 44-46 have been amended. New claims 75-77 have been added. As a result claims 1-27, 44-47, 61-68, 70-73 and 75-77 are pending for examination with claims 1, 13, 25, 44, 46, 61-62, 64, 65, and 70 being independent claims. No new matter has been added.

The claims are subject to an election requirement in which the Examiner required selection of a single embodiment and listing of the claims readable thereon. Applicants note MPEP 806.04(f), which states that "where two or more species are claimed, a requirement for restriction to a single species may be proper if the species are mutually exclusive" and are responding accordingly.

In response to the election requirement, applicant elects embodiment 6, directed to Fig. 9. Fig. 9 shows opto-electric transducer 80, which may be in accordance with any of claims 1-24. In addition, Fig. 9 shows amplifier 48, which is related to in amended claim 46 and may be as defined in claims 25-27, in claim 47 and/or in new dependent claims 75-77. Fig. 9 also shows combining of two RF signals by combiner 50, as discussed in claims 44-45 and 61. The embodiment of Fig. 9 can also be used with a pilot signal as required by claims 65-68 and 70-73. Claims 62-64 are system claims that can use the transmission methods of Fig. 9 and therefore do not form a separate species which is mutually exclusive.

In summary, applicants elect the embodiment of Fig. 9, which corresponds to claims 1-27, 44-47, 61-68, 70-73 and 75-77. Claims 28-36, 48-60, 69 and 74 are withdrawn from consideration, without prejudice or disclaimer.

An examination on the merits is respectfully awaited.

CONCLUSION

In view of the foregoing amendments and remarks, reconsideration is respectfully requested. This application should now be in condition for allowance; a notice to this effect is respectfully requested. If the Examiner believes, after this amendment, that the application is not in condition for allowance, the Examiner is requested to call the Applicant's attorney at the telephone number listed below.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50/2762.

Respectfully submitted,
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Docket No.: C01113-70002 JNA
Date: November 9, 2005